

In the Abstract:

Following the claims, please add the abstract as follows:

--Abstract of the Disclosure

The invention relates to a speed measuring device. The aim of the invention is to allow a precise and flexible speed measurement. The aim is achieved, whereby emission components are transmitted through two different paths and detected. A modification to the phase shift between the emission components in both paths, in relation to a non-operating device, represents a rate for the actual speed of the device, for evaluation means. The influence of a rotary motion on a modification to the phase shift is thus prevented or compensated. The invention also relates to a system, provided with such a device, and to a corresponding method of speed measurement.--